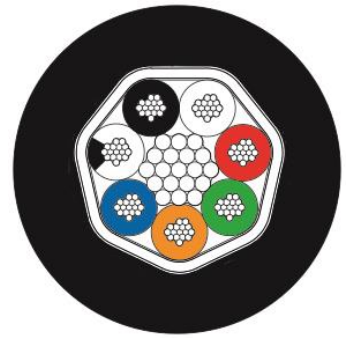


# Power/signal cable

## Type 5071



### Construction characteristics

---

<b>Conductor</b>	0.50 mm <sup>2</sup> bare copper conductor insulated with PE (7 each)
<b>Shield</b>	Tinned copper braid, coverage 85%
<b>Tape</b>	Fleece tape
<b>Outer jacket</b>	Polyurethane jacket. Colour black
<b>Strength member</b>	Aramid yarn (1 each)
<b>Flame retardant</b>	Acc. to IEC 60332-1
<b>Halogen free</b>	Acc. to IEC 60754

### Mechanical characteristics

---

<b>Diameter</b>	10.00 mm ±0.30 mm
<b>Weight in air</b>	140 kg/km nom
<b>Weight in seawater</b>	60 kg/km nom
<b>Min. bending radius, static</b>	70 mm
<b>Min. bending radius, dynamic</b>	100 mm
<b>Min. breaking strength</b>	36 kN
<b>Depth rating</b>	3,000 m
<b>Operating temperature range</b>	-20°C - +80°C

### Electrical characteristics

---

<b>Operating voltage</b>	750 V DC
<b>Test voltage</b>	3,000 V DC for 1 min
<b>Conductor resistance</b>	≤ 41.0 Ω/km
<b>Insulation resistance</b>	≥ 10,000 MΩ×km (cond - cond) ≥ 100 MΩ×100 m (cond - shield) ≥ 10 MΩ/km (shield - shield)